

## **GENERAL SERVICES ADMINISTRATION**

### **Federal Acquisition Service**

#### *Authorized Federal Supply Schedule Price List*

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order is available through **GSA Advantage!**<sup>TM</sup>, a menu-driven database system. The INTERNET address for **GSA Advantage!**<sup>TM</sup> is: <http://www.GSAAdvantage.gov>.

#### **Schedule for – Multiple Award Schedule (MAS)**

**Federal Supply Groups:** Information Technology – **IT Software** – 511210

IT Solutions – **Cloud and Cloud-Related IT Professional Services** - 518210C, **Highly Adaptive Cybersecurity Services (HACS)** – 54151HACS,

IT Services – **Health Information Technology Services** - 54151HEAL, IT Services – **Information Technology Professional Services** - 54151S

**Contract Number:** 47QTCA20D00B2

**For more information on ordering from Federal Supply Schedules**

**Click on the FSS Schedules button at** <http://www.gsa.gov/schedules-ordering>

**Current Contract Period:** June 10, 2020 – June 9, 2025

**Prices Effective:** June 10, 2020 – June 9, 2025

**Contractor:** **InductiveHealth Informatics, Inc.**  
2870 Peachtree Road, NW # 915-3304  
Atlanta, GA 30305-2918

**Business Size:** Small Business

**Telephone:** (770) 329-1233

**Alternative Number:** (678) 786-9260

**FAX Number:** (773) 337-5941

**Web Site:** <http://www.inductivehealth.com>

**E-mail:** [gsa@inductivehealth.com](mailto:gsa@inductivehealth.com)

**Contract Administration:** James Maglione, Senior Manager Finance and Contracts - InductiveHealth Informatics, Inc.

### **CUSTOMER INFORMATION:**

#### **1a. Table of Awarded Special Item Number(s) with appropriate cross-reference to page numbers:**

SIN	Recovery	SIN Description
511210	511210RC	Software Licenses
518210C	518210CRC	Cloud and Cloud-Related IT Professional Services
54151HACS	54151HACSRC	Highly Adaptive Cybersecurity Services (HACS)
54151HEAL	54151HEALRC	Health Information Technology Services
54151S	54151SRC	Information Technology Professional Services
OLM	OLM	Order-Level Materials (OLM)

#### **1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract. This price is the Government price based on a**

unit of one, exclusive of any quantity/dollar volume, prompt payment, or any other concession affecting price. Those contracts that have unit prices based on the geographic location of the customer, should show the range of the lowest price, and cite the areas to which the prices apply.

- 1c. If the Contractor is proposing hourly rates a description of all corresponding commercial job titles, experience, functional responsibility and education for those types of employees or subcontractors who will perform services shall be provided. If hourly rates are not applicable, indicate "Not applicable" for this item.
2. Maximum Order: \$500,000
3. Minimum Order: \$100.00
4. Geographic Coverage (delivery Area): Domestic Only
5. Point(s) of production (city, county, and state or foreign country): Same as company address
6. Discount from list prices or statement of net price: Government net prices (discounts already deducted).
7. Quantity discounts: None
8. Prompt payment terms: None
- 9a. Notification that Government purchase cards are accepted up to the micro-purchase threshold: Yes
- 9b. Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold: Yes
10. Foreign items (list items by country of origin): None
- 11a. Time of Delivery: Net 30 days
- 11b. Expedited Delivery. Contact Contractor
- 11c. Overnight and 2-day delivery. Contact Contractor
- 11d. Urgent Requirements. Contact Contractor
12. F.O. B Points(s): Destination
- 13a. Ordering Address(es): Same as Contractor
- 13b. Ordering procedures: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's), and a sample BPA can be found at the GSA/FSS Schedule homepage ([fss.gsa.gov/schedules](http://fss.gsa.gov/schedules)).
14. Payment Address(es): Same as company address

15. **Warranty provision:** Contractor's standard commercial warranty.
16. **Export Packing Charges (if applicable):** N/A
17. **Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level):** Contact Contractor
18. **Terms and conditions of rental, maintenance, and repair (if applicable):** N/A
19. **Terms and conditions of installation (if applicable):** N/A
20. **Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable):** N/A
- 20a. **Terms and conditions for any other services (if applicable):** N/A
21. **List of service and distribution points (if applicable):** N/A
22. **List of participating dealers (if applicable):** N/A
23. **Preventive maintenance (if applicable):** N/A
- 24a. **Environmental attributes, e.g., recycled content, energy efficiency, and/or reduced pollutants:**  
N/A
- 24b. **If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contactor's website or other location.) The EIT standards can be found at:**  
[www.Section508.gov/](http://www.Section508.gov/).
25. **Data Universal Numbering System (DUNS) number:** 078692538
26. **Notification regarding registration in Central Contractor Registration (CCR) database:**  
Registered
27. **Final Pricing:**  
The rates shown below include the Industrial Funding Fee (IFF) of 0.75%.

**Labor Categories Pricing – Prices Reflect a 2.3% Annual EPA Escalation**  
**All Prices Include the GSA Industrial Funding Fee (IFF)**  
**SINS 54151HEAL, 54151S, 54151HACS, and 518210C**

Item	SIN	Awarded Labor Category	Site	Year 1	Year 2	Year 3	Year 4	Year 5
1	54151HEAL/54151S	Program Director	Both	\$172.80	\$176.77	\$180.84	\$185.00	\$189.25
2	54151HEAL/54151S	Subject Matter Expert	Both	\$172.80	\$176.77	\$180.84	\$185.00	\$189.25
3	54151HEAL/54151S	Project Manager	Both	\$172.80	\$176.77	\$180.84	\$185.00	\$189.25
4	54151HEAL/54151S	Data Architect	Both	\$172.80	\$176.77	\$180.84	\$185.00	\$189.25
5	54151HEAL/54151S	Technical Architect	Both	\$172.80	\$176.77	\$180.84	\$185.00	\$189.25

6	54151HEAL/54151S	Systems Analyst III	Both	\$123.43	\$126.26	\$129.17	\$132.14	\$135.18
7	54151HEAL/54151S	Systems Analyst II	Both	\$100.72	\$103.03	\$105.40	\$107.83	\$110.31
8	54151HEAL/54151S	Systems Analyst I	Both	\$94.79	\$96.97	\$99.20	\$101.48	\$103.82
9	54151HEAL/54151S	Software Engineer III	Both	\$123.43	\$126.26	\$129.17	\$132.14	\$135.18
10	54151HEAL/54151S	Software Engineer II	Both	\$100.72	\$103.03	\$105.40	\$107.83	\$110.31
11	54151HEAL/54151S	Software Engineer I	Both	\$66.46	\$67.99	\$69.55	\$71.15	\$72.79
12	54151HEAL/54151S	Data Analyst II	Both	\$61.22	\$62.63	\$64.07	\$65.54	\$67.05
13	54151HEAL/54151S	Data Analyst I	Both	\$54.59	\$55.85	\$57.13	\$58.45	\$59.79
14	54151HEAL/54151S	Project Coordinator	Both	\$112.90	\$115.50	\$118.15	\$120.87	\$123.65
15	54151HEAL/54151S	Tester	Both	\$61.22	\$62.63	\$64.07	\$65.54	\$67.05
16	518210C	Cloud Program Director	Both	\$172.80	\$176.77	\$180.84	\$185.00	\$189.25
17	518210C	Cloud Subject Matter Expert	Both	\$172.80	\$176.77	\$180.84	\$185.00	\$189.25
18	518210C	Cloud Project Manager	Both	\$172.80	\$176.77	\$180.84	\$185.00	\$189.25
19	518210C	Cloud Data Architect	Both	\$172.80	\$176.77	\$180.84	\$185.00	\$189.25
20	518210C	Cloud Technical Architect	Both	\$172.80	\$176.77	\$180.84	\$185.00	\$189.25
21	518210C	Cloud Systems Analyst III	Both	\$123.43	\$126.26	\$129.17	\$132.14	\$135.18
22	518210C	Cloud Systems Analyst II	Both	\$100.72	\$103.03	\$105.40	\$107.83	\$110.31
23	518210C	Cloud Systems Analyst I	Both	\$94.79	\$96.97	\$99.20	\$101.48	\$103.82
24	518210C	Cloud Software Engineer III	Both	\$123.43	\$126.26	\$129.17	\$132.14	\$135.18
25	518210C	Cloud Software Engineer II	Both	\$100.72	\$103.03	\$105.40	\$107.83	\$110.31
26	518210C	Cloud Software Engineer I	Both	\$66.46	\$67.99	\$69.55	\$71.15	\$72.79
27	518210C	Cloud Data Analyst II	Both	\$61.22	\$62.63	\$64.07	\$65.54	\$67.05
28	518210C	Cloud Data Analyst I	Both	\$54.59	\$55.85	\$57.13	\$58.45	\$59.79
29	518210C	Cloud Project Coordinator	Both	\$112.90	\$115.50	\$118.15	\$120.87	\$123.65
30	518210C	Cloud Tester	Both	\$61.22	\$62.63	\$64.07	\$65.54	\$67.05
31	54151HACS	HACS Program Director	Both	\$172.80	\$176.77	\$180.84	\$185.00	\$189.25
32	54151HACS	HACS Subject Matter Expert	Both	\$172.80	\$176.77	\$180.84	\$185.00	\$189.25
33	54151HACS	HACS Project Manager	Both	\$172.80	\$176.77	\$180.84	\$185.00	\$189.25
34	54151HACS	HACS Data Architect	Both	\$172.80	\$176.77	\$180.84	\$185.00	\$189.25
35	54151HACS	HACS Technical Architect	Both	\$172.80	\$176.77	\$180.84	\$185.00	\$189.25
36	54151HACS	HACS Systems Analyst III	Both	\$123.43	\$126.26	\$129.17	\$132.14	\$135.18
37	54151HACS	HACS Systems Analyst II	Both	\$100.72	\$103.03	\$105.40	\$107.83	\$110.31
38	54151HACS	HACS Systems Analyst I	Both	\$94.79	\$96.97	\$99.20	\$101.48	\$103.82
39	54151HACS	HACS Software Engineer III	Both	\$123.43	\$126.26	\$129.17	\$132.14	\$135.18
40	54151HACS	HACS Software Engineer II	Both	\$100.72	\$103.03	\$105.40	\$107.83	\$110.31
41	54151HACS	HACS Software Engineer I	Both	\$66.46	\$67.99	\$69.55	\$71.15	\$72.79
42	54151HACS	HACS Data Analyst II	Both	\$61.22	\$62.63	\$64.07	\$65.54	\$67.05
43	54151HACS	HACS Data Analyst I	Both	\$54.59	\$55.85	\$57.13	\$58.45	\$59.79
44	54151HACS	HACS Project Coordinator	Both	\$112.90	\$115.50	\$118.15	\$120.87	\$123.65
45	54151HACS	HACS Tester	Both	\$61.22	\$62.63	\$64.07	\$65.54	\$67.05

**Software**  
**SIN 511210**  
**Price is inclusive of the GSA IFF (Industrial Funding Fee)**

SIN	Manufacturer Name	Product Name	Part Number	GSA Price
511210	InductiveHealth Informatics, Inc.	InductiveHealth Link™ Integration Engine	IHI-LINK	\$24,685.14

**Service Contract Act (SCA) Matrix**

SCA Eligible Labor Category	SCA Equivalent Code Title	Wage Determination No
Not applicable	Not applicable	N/A

**Service Contract Act:** The Service Contract Act (SCA) is applicable to this contract as it applies to the entire Professional Services Schedule (PSS) Schedule and all services provided. While no specific labor categories have been identified as being subject to SCA due to exemptions for professional employees (FAR 22.1101, 22.1102 and 29 CFR 541.300), this contract still maintains the provisions and protections for SCA eligible labor categories. If and / or when the contractor adds SCA labor categories / employees to the contract through the modification process, the contractor must inform the Contracting Officer and establish a SCA matrix identifying the GSA labor category titles, the occupational code, SCA labor category titles and the applicable WD number. Failure to do so may result in cancellation of the contract.

**Labor Category Descriptions**

**1 - Program Director**

Education: Bachelor's Degree

Minimum Years of Experience: 10

**Functional Responsibilities:**

Leads large, complex programs with centralized and task orders support requirements. Manages substantial information technology contract support operations including multiple projects. Organizes, directs, and coordinates planning and production of all the contractor's support activities. Demonstrated experience for oral and written communications with all levels of management for planning and control of projects. Interfaces with client management personnel, client contracts staff, and other cognizant client officials. Formulates and reviews project plans, determines cost, and ensures conformance to work standards. Responsible for formulating and enforcing work standards, developing contractor schedules, reviewing work discrepancies, supervising contractor personnel and communicating policies, purposes, and goals of the organization to subordinates. Able to evaluate proposed information systems to determine technical feasibility with government specified technologies, cost for implementation and operation, as well as functional adequacy.

**2 - Subject Matter Expert**

Education: Master's Degree

Minimum Years of Experience: 10

**Functional Responsibilities:**

Serves as subject matter expert, possessing in-depth knowledge of a particular area, such as business, computer science, engineering, mathematics, applicable federal policies, regulations and standards, or the various sciences. Provides technical knowledge and analysis of highly specialized applications and operational environments, high-level functional systems analysis, design, integration, documentation and implementation advice on exceptionally complex problems that need extensive knowledge of the subject matter for effective implementation. Participates as needed in all phases of software development with emphasis on the planning, analysis, testing, integration, documentation, and presentation phases. Applies principles, methods and knowledge of the functional area of capability to specific task order requirements, advanced mathematical principles and methods to exceptionally difficult and narrowly defined technical problems in engineering and other scientific applications to arrive at automated solutions.

**3 - Project Manager**

Education: Bachelor's Degree

Minimum Years of Experience: 5

**Functional Responsibilities:**

Responsible for all aspects of the development and implementation of assigned projects and provides a single point of contact for those projects. Takes projects from original concept through final implementation. Interfaces with all areas affected by the project including end users, stakeholders, and the client. Defines project scope and objectives. Develops detailed work plans, schedules, project estimates, resource plans, and status reports. Conducts project meetings and is responsible for project tracking and analysis. Ensures adherence to quality standards and reviews project deliverables. Manages the integration of tasks and tracks and reviews deliverables. Provides technical and analytical guidance to project team. Recommends and takes action to direct the analysis and solutions of problems.

**4 - Data Architect**

Education: Master's Degree

Minimum Years of Experience: 8

**Functional Responsibilities:**

Facilitates development of overall data architecture strategy, framework, and roadmap, aligning to the broader enterprise architecture (application, process, technology, security, etc.). Ensures that business needs are or will be met by the long-term architecture solution. Provides standards and guidelines for usage of the architecture. Develops and implements governance for the architecture. Evaluates the reusability of current data for additional analyses and conducts data cleansing to rid the system of old, unused or duplicate data. Participates in evaluation of hardware and software platforms and integrating systems as they relate to the data architecture. Participates in selection of application packages, agency services, and technology/infrastructure capabilities to ensure alignment to data architecture. Works in an environment which includes data modeling, data design, metadata and repository creation. Reviews

object and data models and the metadata repository to structure the data for better management and quicker access. Plays a liaison role with business data owner/stewards.

## **5 - Technical Architect**

Education: Bachelor's Degree

Minimum Years of Experience: 8

### **Functional Responsibilities:**

Provides high-level Enterprise and/or Systems architectural expertise to managers and technical staff. Develops architectural products and deliverables for the enterprise and operational business lines. Develops strategy of systems and the design infrastructure necessary to support that strategy. Advises on selection of technological purchases with regards to processing, data storage, data access, and applications development. Responsible for identifying and coordinating integration of system components, including hardware and software, into a finished system. Responsible for mapping interactions between system components and other systems, including infrastructure and network pieces supporting the system. Drafts logical and physical diagrams, including data flows, develops capacity plans and threshold limits, and works with other analysts, including configuration, security, and development personnel, to ensure system development follows the planned architecture.

## **6 - Systems Analyst III**

Education: Bachelor's Degree

Minimum Years of Experience: 5

### **Functional Responsibilities:**

Provides high-level expertise in developing complex systems and/or systems integrations involving new technologies, methods, concepts or approaches. Provides supervisory, technical, and administrative direction for personnel performing system development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, and for progress in accordance with schedules. Prepares and delivers presentations on the system concept to colleagues, subordinates and user representatives. Formulates statements of management, scientific and business problems, and devises procedures for solution of problems. Applying analytical skills and a variety of IT technology, performs required analysis of information management and data requirements, of practical alternative approaches, and design of IT systems. With the assistance of other analysts and programmer/analysts, also develops test plans, procedures and data, and evaluates system, effectiveness and efficiency. Meets with appropriate government personnel to review requirements, discuss technical approaches, and to formulate plans for technical support. Performs required detail analysis of information management and data requirements. Performs system development activities, design configuration management as needed.

## **7 - Systems Analyst II**

Education: Bachelor's Degree

Minimum Years of Experience: 3

**Functional Responsibilities:**

Provides development services for relatively complex applications and/or systems integrations using standard approaches or less complex systems using new approaches. Analyzes requirements for IT support. Designs and develops a data system to accomplish system required functions in an optimum manner. Develops plans for IT systems from project inception to conclusion. Analyzes the problem and the information to be processed. Defines the problem in writing. Specifies computer programs and functions that meet the system design with efficiency and ease of maintenance. Develops computer programs in a suitable language in conformance with programming standards, including. Provides technical guidance to other project members and serves as task leader on smaller tasks. Additionally, designs programs and prepares flow charts and diagrams that indicate mathematical computation and sequence of machine operations. Also verifies accuracy and completeness of programs by preparing sample data and coordinating test runs made by operating personnel. Correct program errors by revising instructions or altering operating run procedures. Evaluates and modifies existing programs to take into account changes in procedures or type of reports desired. May be required to use concepts generally associated with fourth generation equipment and languages. Performs system development activities, design and configuration management as needed.

**8 - Systems Analyst I**

Education: Bachelor's Degree

Minimum Years of Experience: None

**Functional Responsibilities:**

Provides entry level systems development and/or systems integration support using standard approaches. Devises and prepares layouts for computer systems requirements and develops procedures to process data by means of IT equipment. Confers with other technical personnel to determine problems and type of data to be processed. Analyzes a problem in light of equipment capability to determine technical approach. Formulates solutions to address identified software problems. Writes specifications for each program or portion thereof. May be required to develop and implement applications utilizing mathematical and statistical formula. Performs system development activities, design and configuration management as needed.

**9 - Software Engineer III**

Education: Bachelor's Degree

Minimum Years of Experience: 5

**Functional Responsibilities:**

Provides high level expertise in developing complex software applications involving new technologies, methods, concepts, or approaches. Based on functional and conceptual design specifications, develops diagrammatic plans and design logic required to implement computer programs, IT systems and



procedures in support of technical, administrative and information management functions and operations. Analyzes specifications developed by a Systems Analyst for such factors as type and extent of information to be processed, designs detailing logic flow diagrams and program code instructions. Verifies accuracy and validity of programs by preparing sample test data and test plans; corrects program errors by revising instructions; modifies programs when required by changes in procedures and reports desired.

## **10 - Software Engineer II**

Education: Bachelor's Degree

Minimum Years of Experience: 3

### **Functional Responsibilities:**

Provides mid-level expertise in developing software applications involving new technologies, methods, concepts, or approaches. Based on functional and conceptual design specifications, develops diagrammatic plans and design logic required to implement computer programs, IT systems and procedures in support of technical, administrative and information management functions and operations. Analyzes specifications developed by a Systems Analyst for such factors as type and extent of information to be processed, designs detailing logic flow diagrams and program code instructions. Verifies accuracy and validity of programs by preparing sample test data and test plans; corrects program errors by revising instructions; modifies programs when required by changes in procedures and reports desired.

## **11- Software Engineer I**

Education: Bachelor's Degree

Minimum Years of Experience: None

### **Functional Responsibilities:**

**Provides entry level programming support using standard approaches. Studies all systems** requirements and develops all levels of block diagrams and logic flow charts. Translates the specifications into a program of coded instructions used by the computer. Tests, checks, debugs, revises and refines the program as required, to produce the deliverables required by written specifications. Additionally, documents all procedures used throughout the program to allow the program to be run as part of a system, and completes systems documentation to enable a subsequent programmer to make changes as may be required. Provides quality assurance testing for all system modifications to ensure the development and distribution of quality products. Assists with roll out of systems, documentation, develops formal application test plans and test requirements documents as required. Develops automated test scripts and test procedures using client/server testing tool.

## **12 - Data Analyst II**

Education: Bachelor's Degree

Minimum Years of Experience: 3

**Functional Responsibilities:**

Provides mid-level expertise in querying, analyzing, and interpreting data, turning it into information which can offer ways to improve business processes or mission outcomes. Makes recommendations about the methods and ways in which an organization obtains and analyses data to improve quality and the efficiency of data systems. Tasks include collecting and interpreting data, analyzing results, reporting the results back to the relevant stakeholders, identifying patterns and trends in data sets, working alongside stakeholders or the management team to establish business needs, and defining new data collection and analysis processes.

**13 - Data Analyst I**

Education: Bachelor's Degree

Minimum Years of Experience: None

**Functional Responsibilities:**

Provides entry level expertise in querying, analyzing, and interpreting data, turning it into information which can offer ways to improve business processes or mission outcomes. Makes recommendations about the methods and ways in which an organization obtains and analyses data to improve quality and the efficiency of data systems. Tasks include collecting and interpreting data, analyzing results, reporting the results back to the relevant stakeholders, identifying patterns and trends in data sets, working alongside stakeholders or the management team to establish business needs, and defining new data collection and analysis processes.

**14 - Project Coordinator**

Education: Bachelor's Degree

Minimum Years of Experience: None

**Functional Responsibilities:**

Provides technical writing and project coordination activities. Gathers, analyzes, and composes technical information. Translates technical information into clear, readable documents to be used by technical and non-technical personnel. Reviews content of documentation for quality. Manages stakeholder communications and planning. Conducts end user training and support. Coordinates portions of project delivery.

**15 - Tester**

Education: Bachelor's Degree

Minimum Years of Experience: None

**Functional Responsibilities:**

Manages system testing and quality. Creates and executes test plan and scripts. Tracks status of defects. Provide quality assurance testing to ensure the development and distribution of quality products. Develops automated test scripts and test procedures. Produce manual checklists document as required. Produce lists of defects that are to be resolved and incorporated into future releases of the application as required. Communicate with analysts and programmers about formal testing plans, problems, and results. Develop technical documentation and reports.

**16 - Cloud Program Director**

Education: Bachelor's Degree

Minimum Years of Experience: 10

**Functional Responsibilities:**

Leads large, complex programs with centralized and task orders support requirements. Manages substantial information technology contract support operations including multiple projects. Organizes, directs, and coordinates planning and production of all the contractor's support activities. Demonstrated experience for oral and written communications with all levels of management for planning and control of projects. Interfaces with client management personnel, client contracts staff, and other cognizant client officials. Formulates and reviews project plans, determines cost, and ensures conformance to work standards. Responsible for formulating and enforcing work standards, developing contractor schedules, reviewing work discrepancies, supervising contractor personnel and communicating policies, purposes, and goals of the organization to subordinates. Able to evaluate proposed information systems to determine technical feasibility with government specified technologies, cost for implementation and operation, as well as functional adequacy.

**17 - Cloud Subject Matter Expert**

Education: Master's Degree

Minimum Years of Experience: 10

**Functional Responsibilities:**

Serves as subject matter expert, possessing in-depth knowledge of a particular area, such as business, computer science, engineering, mathematics, applicable federal policies, regulations and standards, or the various sciences. Provides technical knowledge and analysis of highly specialized applications and operational environments, high-level functional systems analysis, design, integration, documentation and implementation advice on exceptionally complex problems that need extensive knowledge of the subject matter for effective implementation. Participates as needed in all phases of software development with emphasis on the planning, analysis, testing, integration, documentation, and presentation phases. Applies principles, methods and knowledge of the functional area of capability to specific task order requirements, advanced mathematical principles and methods to exceptionally difficult and narrowly defined technical problems in engineering and other scientific applications to arrive at automated solutions.

**18 - Cloud Project Manager**

Education: Bachelor's Degree

Minimum Years of Experience: 5

**Functional Responsibilities:**

Responsible for all aspects of the development and implementation of assigned projects and provides a single point of contact for those projects. Takes projects from original concept through final implementation. Interfaces with all areas affected by the project including end users, stakeholders, and the client. Defines project scope and objectives. Develops detailed work plans, schedules, project estimates, resource plans, and status reports. Conducts project meetings and is responsible for project tracking and analysis. Ensures adherence to quality standards and reviews project deliverables. Manages the integration of tasks and tracks and reviews deliverables. Provides technical and analytical guidance to project team. Recommends and takes action to direct the analysis and solutions of problems.

**19 - Cloud Data Architect**

Education: Master's Degree

Minimum Years of Experience: 8

**Functional Responsibilities:**

Facilitates development of overall data architecture strategy, framework, and roadmap, aligning to the broader enterprise architecture (application, process, technology, security, etc.). Ensures that business needs are or will be met by the long-term architecture solution. Provides standards and guidelines for usage of the architecture. Develops and implements governance for the architecture. Evaluates the reusability of current data for additional analyses and conducts data cleansing to rid the system of old, unused or duplicate data. Participates in evaluation of hardware and software platforms and integrating systems as they relate to the data architecture. Participates in selection of application packages, agency services, and technology/infrastructure capabilities to ensure alignment to data architecture. Works in an environment which includes data modeling, data design, metadata and repository creation. Reviews object and data models and the metadata repository to structure the data for better management and quicker access. Plays a liaison role with business data owner/stewards.

**20 - Cloud Technical Architect**

Education: Bachelor's Degree

Minimum Years of Experience: 8

**Functional Responsibilities:**

Provides high-level Enterprise and/or Systems architectural expertise to managers and technical staff. Develops architectural products and deliverables for the enterprise and operational business lines. Develops strategy of systems and the design infrastructure necessary to support that strategy. Advises on selection of technological purchases with regards to processing, data storage, data access, and applications development. Responsible for identifying and coordinating integration of system components, including

hardware and software, into a finished system. Responsible for mapping interactions between system components and other systems, including infrastructure and network pieces supporting the system. Drafts logical and physical diagrams, including data flows, develops capacity plans and threshold limits, and works with other analysts, including configuration, security, and development personnel, to ensure system development follows the planned architecture.

## **21 - Cloud Systems Analyst III**

Education: Bachelor's Degree

Minimum Years of Experience: 5

### **Functional Responsibilities:**

Provides high-level expertise in developing complex systems and/or systems integrations involving new technologies, methods, concepts or approaches. Provides supervisory, technical, and administrative direction for personnel performing system development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, and for progress in accordance with schedules. Prepares and delivers presentations on the system concept to colleagues, subordinates and user representatives. Formulates statements of management, scientific and business problems, and devises procedures for solution of problems. Applying analytical skills and a variety of IT technology, performs required analysis of information management and data requirements, of practical alternative approaches, and design of IT systems. With the assistance of other analysts and programmer/analysts, also develops test plans, procedures and data, and evaluates system, effectiveness and efficiency. Meets with appropriate government personnel to review requirements, discuss technical approaches, and to formulate plans for technical support. Performs required detail analysis of information management and data requirements. Performs system development activities, design configuration management as needed.

## **22 - Cloud Systems Analyst II**

Education: Bachelor's Degree

Minimum Years of Experience: 3

### **Functional Responsibilities:**

Provides development services for relatively complex applications and/or systems integrations using standard approaches or less complex systems using new approaches. Analyzes requirements for IT support. Designs and develops a data system to accomplish system required functions in an optimum manner. Develops plans for IT systems from project inception to conclusion. Analyzes the problem and the information to be processed. Defines the problem in writing. Specifies computer programs and functions that meet the system design with efficiency and ease of maintenance. Develops computer programs in a suitable language in conformance with programming standards, including. Provides technical guidance to other project members and serves as task leader on smaller tasks. Additionally, designs programs and prepares flow charts and diagrams that indicate mathematical computation and sequence of machine operations. Also verifies accuracy and completeness of programs by preparing sample data and coordinating test runs made by operating personnel. Correct program errors by revising instructions or altering operating run procedures. Evaluates and modifies existing programs to take into account changes in procedures or type of reports desired. May be required to use concepts generally

associated with fourth generation equipment and languages. Performs system development activities, design and configuration management as needed.

### **23 - Cloud Systems Analyst I**

Education: Bachelor's Degree

Minimum Years of Experience: None

#### **Functional Responsibilities:**

Provides entry level systems development and/or systems integration support using standard approaches. Devises and prepares layouts for computer systems requirements and develops procedures to process data by means of IT equipment. Confers with other technical personnel to determine problems and type of data to be processed. Analyzes a problem in light of equipment capability to determine technical approach. Formulates solutions to address identified software problems. Writes specifications for each program or portion thereof. May be required to develop and implement applications utilizing mathematical and statistical formula. Performs system development activities, design and configuration management as needed.

### **24 - Cloud Software Engineer III**

Education: Bachelor's Degree

Minimum Years of Experience: 5

#### **Functional Responsibilities:**

Provides high level expertise in developing complex software applications involving new technologies, methods, concepts, or approaches. Based on functional and conceptual design specifications, develops diagrammatic plans and design logic required to implement computer programs, IT systems and procedures in support of technical, administrative and information management functions and operations. Analyzes specifications developed by a Systems Analyst for such factors as type and extent of information to be processed, designs detailing logic flow diagrams and program code instructions. Verifies accuracy and validity of programs by preparing sample test data and test plans; corrects program errors by revising instructions; modifies programs when required by changes in procedures and reports desired.

### **25 - Cloud Software Engineer II**

Education: Bachelor's Degree

Minimum Years of Experience: 3

#### **Functional Responsibilities:**

Provides mid level expertise in developing software applications involving new technologies, methods, concepts, or approaches. Based on functional and conceptual design specifications, develops

diagrammatic plans and design logic required to implement computer programs, IT systems and procedures in support of technical, administrative and information management functions and operations. Analyzes specifications developed by a Systems Analyst for such factors as type and extent of information to be processed, designs detailing logic flow diagrams and program code instructions. Verifies accuracy and validity of programs by preparing sample test data and test plans; corrects program errors by revising instructions; modifies programs when required by changes in procedures and reports desired.

## **26 - Cloud Software Engineer I**

Education: Bachelor's Degree

Minimum Years of Experience: None

### **Functional Responsibilities:**

Provides entry level programming support using standard approaches. Studies all systems requirements and develops all levels of block diagrams and logic flow charts. Translates the specifications into a program of coded instructions used by the computer. Tests, checks, debugs, revises and refines the program as required, to produce the deliverables required by written specifications. Additionally, documents all procedures used throughout the program to allow the program to be run as part of a system, and completes systems documentation to enable a subsequent programmer to make changes as may be required. Provides quality assurance testing for all system modifications to ensure the development and distribution of quality products. Assists with roll out of systems, documentation, develops formal application test plans and test requirements documents as required. Develops automated test scripts and test procedures using client/server testing tool.

## **27 - Cloud Data Analyst II**

Education: Bachelor's Degree

Minimum Years of Experience: 3

### **Functional Responsibilities:**

Provides mid-level expertise in querying, analyzing, and interpreting data, turning it into information which can offer ways to improve business processes or mission outcomes. Makes recommendations about the methods and ways in which an organization obtains and analyses data to improve quality and the efficiency of data systems. Tasks include collecting and interpreting data, analyzing results, reporting the results back to the relevant stakeholders, identifying patterns and trends in data sets, working alongside stakeholders or the management team to establish business needs, and defining new data collection and analysis processes.

## **28 - Cloud Data Analyst I**

Education: Bachelor's Degree

Minimum Years of Experience: None

**Functional Responsibilities:**

Provides entry level expertise in querying, analyzing, and interpreting data, turning it into information which can offer ways to improve business processes or mission outcomes. Makes recommendations about the methods and ways in which an organization obtains and analyses data to improve quality and the efficiency of data systems. Tasks include collecting and interpreting data, analyzing results, reporting the results back to the relevant stakeholders, identifying patterns and trends in data sets, working alongside stakeholders or the management team to establish business needs, and defining new data collection and analysis processes.

**29 - Cloud Project Coordinator**

Education: Bachelor's Degree

Minimum Years of Experience: None

**Functional Responsibilities:**

Provides technical writing and project coordination activities. Gathers, analyzes, and composes technical information. Translates technical information into clear, readable documents to be used by technical and non-technical personnel. Reviews content of documentation for quality. Manages stakeholder communications and planning. Conducts end user training and support. Coordinates portions of project delivery.

**30 - Cloud Tester**

Education: Bachelor's Degree

Minimum Years of Experience: None

**Functional Responsibilities:**

Manages system testing and quality. Creates and executes test plan and scripts. Tracks status of defects. Provide quality assurance testing to ensure the development and distribution of quality products. Develops automated test scripts and test procedures. Produce manual checklists document as required. Produce lists of defects that are to be resolved and incorporated into future releases of the application as required. Communicate with analysts and programmers about formal testing plans, problems, and results. Develop technical documentation and reports.

**31 – HACS Program Director**

Education: Bachelor's Degree

Minimum Years of Experience: 10

**Functional Responsibilities:**



Leads large, complex programs with centralized and task orders support requirements. Manages substantial information technology contract support operations including multiple projects. Organizes, directs, and coordinates planning and production of all the contractor's support activities. Demonstrated experience for oral and written communications with all levels of management for planning and control of projects. Interfaces with client management personnel, client contracts staff, and other cognizant client officials. Formulates and reviews project plans, determines cost, and ensures conformance to work standards. Responsible for formulating and enforcing work standards, developing contractor schedules, reviewing work discrepancies, supervising contractor personnel and communicating policies, purposes, and goals of the organization to subordinates. Able to evaluate proposed information systems to determine technical feasibility with government specified technologies, cost for implementation and operation, as well as functional adequacy.

### **32 – HACS Subject Matter Expert**

Education: Master's Degree

Minimum Years of Experience: 10

#### **Functional Responsibilities:**

Serves as subject matter expert, possessing in-depth knowledge of a particular area, such as business, computer science, engineering, mathematics, applicable federal policies, regulations and standards, or the various sciences. Provides technical knowledge and analysis of highly specialized applications and operational environments, high-level functional systems analysis, design, integration, documentation and implementation advice on exceptionally complex problems that need extensive knowledge of the subject matter for effective implementation. Participates as needed in all phases of software development with emphasis on the planning, analysis, testing, integration, documentation, and presentation phases. Applies principles, methods and knowledge of the functional area of capability to specific task order requirements, advanced mathematical principles and methods to exceptionally difficult and narrowly defined technical problems in engineering and other scientific applications to arrive at automated solutions.

### **33 – HACS Project Manager**

Education: Bachelor's Degree

Minimum Years of Experience: 5

#### **Functional Responsibilities:**

Responsible for all aspects of the development and implementation of assigned projects and provides a single point of contact for those projects. Takes projects from original concept through final implementation. Interfaces with all areas affected by the project including end users, stakeholders, and the client. Defines project scope and objectives. Develops detailed work plans, schedules, project estimates, resource plans, and status reports. Conducts project meetings and is responsible for project tracking and analysis. Ensures adherence to quality standards and reviews project deliverables. Manages the integration of tasks and tracks and reviews deliverables. Provides technical and analytical guidance to project team. Recommends and takes action to direct the analysis and solutions of problems.

### **34 – HACS Data Architect**

Education: Master's Degree

Minimum Years of Experience: 8

#### **Functional Responsibilities:**

Facilitates development of overall data architecture strategy, framework, and roadmap, aligning to the broader enterprise architecture (application, process, technology, security, etc.). Ensures that business needs are or will be met by the long-term architecture solution. Provides standards and guidelines for usage of the architecture. Develops and implements governance for the architecture. Evaluates the reusability of current data for additional analyses and conducts data cleansing to rid the system of old, unused or duplicate data. Participates in evaluation of hardware and software platforms and integrating systems as they relate to the data architecture. Participates in selection of application packages, agency services, and technology/infrastructure capabilities to ensure alignment to data architecture. Works in an environment which includes data modeling, data design, metadata and repository creation. Reviews object and data models and the metadata repository to structure the data for better management and quicker access. Plays a liaison role with business data owner/stewards.

### **35 – HACS Technical Architect**

Education: Bachelor's Degree

Minimum Years of Experience: 8

#### **Functional Responsibilities:**

Provides high-level Enterprise and/or Systems architectural expertise to managers and technical staff. Develops architectural products and deliverables for the enterprise and operational business lines. Develops strategy of systems and the design infrastructure necessary to support that strategy. Advises on selection of technological purchases with regards to processing, data storage, data access, and applications development. Responsible for identifying and coordinating integration of system components, including hardware and software, into a finished system. Responsible for mapping interactions between system components and other systems, including infrastructure and network pieces supporting the system. Drafts logical and physical diagrams, including data flows, develops capacity plans and threshold limits, and works with other analysts, including configuration, security, and development personnel, to ensure system development follows the planned architecture.

### **36 – HACS Systems Analyst III**

Education: Bachelor's Degree

Minimum Years of Experience: 5

#### **Functional Responsibilities:**

Provides high-level expertise in developing complex systems and/or systems integrations involving new technologies, methods, concepts or approaches. Provides supervisory, technical, and administrative direction for personnel performing system development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, and for progress in accordance with schedules. Prepares and delivers presentations on the system concept to colleagues, subordinates and user representatives. Formulates statements of management, scientific and business problems, and devises procedures for solution of problems. Applying analytical skills and a variety of IT technology, performs required analysis of information management and data requirements, of practical alternative approaches, and design of IT systems. With the assistance of other analysts and programmer/analysts, also develops test plans, procedures and data, and evaluates system, effectiveness and efficiency. Meets with appropriate government personnel to review requirements, discuss technical approaches, and to formulate plans for technical support. Performs required detail analysis of information management and data requirements. Performs system development activities, design configuration management as needed.

### **37 – HACS Systems Analyst II**

Education: Bachelor's Degree

Minimum Years of Experience: 3

#### **Functional Responsibilities:**

Provides development services for relatively complex applications and/or systems integrations using standard approaches or less complex systems using new approaches. Analyzes requirements for IT support. Designs and develops a data system to accomplish system required functions in an optimum manner. Develops plans for IT systems from project inception to conclusion. Analyzes the problem and the information to be processed. Defines the problem in writing. Specifies computer programs and functions that meet the system design with efficiency and ease of maintenance. Develops computer programs in a suitable language in conformance with programming standards, including. Provides technical guidance to other project members and serves as task leader on smaller tasks. Additionally, designs programs and prepares flow charts and diagrams that indicate mathematical computation and sequence of machine operations. Also verifies accuracy and completeness of programs by preparing sample data and coordinating test runs made by operating personnel. Correct program errors by revising instructions or altering operating run procedures. Evaluates and modifies existing programs to take into account changes in procedures or type of reports desired. May be required to use concepts generally associated with fourth generation equipment and languages. Performs system development activities, design and configuration management as needed.

### **38 – HACS Systems Analyst I**

Education: Bachelor's Degree

Minimum Years of Experience: None

#### **Functional Responsibilities:**

Provides entry level systems development and/or systems integration support using standard approaches. Devises and prepares layouts for computer systems requirements and develops procedures to process data by means of IT equipment. Confers with other technical personnel to determine problems and type of data

to be processed. Analyzes a problem in light of equipment capability to determine technical approach. Formulates solutions to address identified software problems. Writes specifications for each program or portion thereof. May be required to develop and implement applications utilizing mathematical and statistical formula. Performs system development activities, design and configuration management as needed.

### **39 – HACCS Software Engineer III**

Education: Bachelor's Degree

Minimum Years of Experience: 5

#### **Functional Responsibilities:**

Provides high level expertise in developing complex software applications involving new technologies, methods, concepts, or approaches. Based on functional and conceptual design specifications, develops diagrammatic plans and design logic required to implement computer programs, IT systems and procedures in support of technical, administrative and information management functions and operations. Analyzes specifications developed by a Systems Analyst for such factors as type and extent of information to be processed, designs detailing logic flow diagrams and program code instructions. Verifies accuracy and validity of programs by preparing sample test data and test plans; corrects program errors by revising instructions; modifies programs when required by changes in procedures and reports desired.

### **40 – HACCS Software Engineer II**

Education: Bachelor's Degree

Minimum Years of Experience: 3

#### **Functional Responsibilities:**

Provides mid-level expertise in developing software applications involving new technologies, methods, concepts, or approaches. Based on functional and conceptual design specifications, develops diagrammatic plans and design logic required to implement computer programs, IT systems and procedures in support of technical, administrative and information management functions and operations. Analyzes specifications developed by a Systems Analyst for such factors as type and extent of information to be processed, designs detailing logic flow diagrams and program code instructions. Verifies accuracy and validity of programs by preparing sample test data and test plans; corrects program errors by revising instructions; modifies programs when required by changes in procedures and reports desired.

### **41 - HACCS Software Engineer I**

Education: Bachelor's Degree

Minimum Years of Experience: None

**Functional Responsibilities:**

Provides entry level programming support using standard approaches. Studies all systems requirements and develops all levels of block diagrams and logic flow charts. Translates the specifications into a program of coded instructions used by the computer. Tests, checks, debugs, revises and refines the program as required, to produce the deliverables required by written specifications. Additionally, documents all procedures used throughout the program to allow the program to be run as part of a system, and completes systems documentation to enable a subsequent programmer to make changes as may be required. Provides quality assurance testing for all system modifications to ensure the development and distribution of quality products. Assists with roll out of systems, documentation, develops formal application test plans and test requirements documents as required. Develops automated test scripts and test procedures using client/server testing tool.

**42 – HACS Data Analyst II**

Education: Bachelor's Degree

Minimum Years of Experience: 3

**Functional Responsibilities:**

Provides mid-level expertise in querying, analyzing, and interpreting data, turning it into information which can offer ways to improve business processes or mission outcomes. Makes recommendations about the methods and ways in which an organization obtains and analyses data to improve quality and the efficiency of data systems. Tasks include collecting and interpreting data, analyzing results, reporting the results back to the relevant stakeholders, identifying patterns and trends in data sets, working alongside stakeholders or the management team to establish business needs, and defining new data collection and analysis processes.

**43 – HACS Data Analyst I**

Education: Bachelor's Degree

Minimum Years of Experience: None

**Functional Responsibilities:**

Provides entry level expertise in querying, analyzing, and interpreting data, turning it into information which can offer ways to improve business processes or mission outcomes. Makes recommendations about the methods and ways in which an organization obtains and analyses data to improve quality and the efficiency of data systems. Tasks include collecting and interpreting data, analyzing results, reporting the results back to the relevant stakeholders, identifying patterns and trends in data sets, working alongside stakeholders or the management team to establish business needs, and defining new data collection and analysis processes.

**44 – HACS Project Coordinator**

Education: Bachelor's Degree

Minimum Years of Experience: None

**Functional Responsibilities:**

Provides technical writing and project coordination activities. Gathers, analyzes, and composes technical information. Translates technical information into clear, readable documents to be used by technical and non-technical personnel. Reviews content of documentation for quality. Manages stakeholder communications and planning. Conducts end user training and support. Coordinates portions of project delivery.

**45 – HACS Tester**

Education: Bachelor's Degree

Minimum Years of Experience: None

**Functional Responsibilities:**

Manages system testing and quality. Creates and executes test plan and scripts. Tracks status of defects. Provide quality assurance testing to ensure the development and distribution of quality products. Develops automated test scripts and test procedures. Produce manual checklists document as required. Produce lists of defects that are to be resolved and incorporated into future releases of the application as required. Communicate with analysts and programmers about formal testing plans, problems, and results. Develop technical documentation and reports.